

Claim 7 to the more generic term "optical reflector." Such an "optical reflector" can be, but is not limited to, a grating (as recited in Claims 12, 15 and 22). The changes to the claims are not believed to raise a question of new matter.

Consequently, in view of the present amendment, the present application is believed to be in condition for an examination on the merits.

Respectfully submitted,

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IN THE CLAIMS

Please amend Claims 7, 12, 15, 17, 21, 22 as follows:

--7. (Amended) An optical device comprising:

a laser including a laser cavity having a gain curve with a maximum at a wavelength λ_{\max} ;

and

an optical [carrier] waveguide coupled to said cavity, said optical [carrier] waveguide including [a grating] an optical reflector defining a reflection peak coefficient at a wavelength λ that is less than the wavelength λ_{\max} by at least 10 nanometers at ambient temperature.

12. (Amended) The optical device of Claim 11, wherein

said optical reflector is a grating [has] with a reflection coefficient that is more than 10 times greater than a reflection coefficient of said output face.

15. (Amended) The optical device of Claim 14, wherein

said optical reflector is a grating [has] with a reflection coefficient of less than about 5%.

17. (Amended) The optical device of Claim 7, wherein said optical [carrier] waveguide is an optical fiber.

21. (Amended) The optical device of Claim 7, wherein said optical [carrier] waveguide is coupled to said cavity by a first collimating lens and a focusing lens that focuses light toward said optical carrier.

22. (Amended) The optical device of Claim 7, wherein:

said optical [carrier] waveguide is an optical fiber, and

said optical reflector [grating] is a fiber Bragg grating.--

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